

FORM PTO-1390 REV. 5-93 <div style="text-align: center;">           US DEPARTMENT OF COMMERCE            PATENT AND TRADEMARK OFFICE  <b>TRANSMITTAL LETTER TO THE UNITED STATES            DESIGNATED/ELECTED OFFICE (DO/EO/US)            CONCERNING A FILING UNDER 35 U.S.C. 371</b> </div>		ATTORNEYS DOCKET NUMBER <b>P04,0495</b> U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="text-align: center; font-size: 1.2em;"> <b>10/521 080</b> </div>
INTERNATIONAL APPLICATION NO. <b>PCT/SE2004/000529</b>	INTERNATIONAL FILING DATE <b>April 2, 2004</b>	PRIORITY DATE CLAIMED <b>April 24, 2003</b>
TITLE OF INVENTION: "APPARATUS FOR ANALYZING CARDIAC EVENTS" (AS AMENDED)		
APPLICANT(S) FOR DO/EO/US Magnus Åström and Leif Sörmö		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>Executed</b></li> <li>10. <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 16. below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report).</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> A substitute specification. <b>Marked up version of Substitute Specification</b></li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information:             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> <b>Submission of Drawings for Publication</b></li> <li>b. <input checked="" type="checkbox"/> <b>EXPRESS MAIL # Mailed EL843731517US</b></li> <li>c. <input type="checkbox"/></li> </ol> </li> </ol>		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <b>10/521080</b>		INTERNATIONAL APPLICATION NO. PCT/SE2004/000529		ATTORNEY'S DOCKET NUMBER P04,0495	
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17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> (Search Report has been prepared by the EPO or JPO) ..... \$1000.00 (Includes National Stage, Search, and Examination Fees)  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				CALCULATIONS		PTO USE ONLY	
				<b>\$1000.00</b>			
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).							
Claims	Number Filed	Number Extra	Rate				
Total Claims	13-20 =	0	X \$50.00	<b>\$00</b>			
Independent Claims	2-3 =	0	X \$200.00	<b>\$00</b>			
Multiple Dependent Claims			\$300.00 +				
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>			
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)							
<b>SUBTOTAL =</b>				<b>\$1000.00</b>			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	<b>\$00</b>		
<b>TOTAL NATIONAL FEE =</b>				<b>\$1000.00</b>			
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				+			
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1000.00</b>			
				Amount to be refunded			
				charged			

a. ☒ A check in the amount of **\$1000.00** to cover the above fees is enclosed.

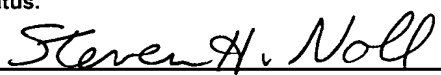
b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **501519**. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

**Schiff Hardin LLP**  
**Patent Department**  
**6600 Sears Tower**  
**Chicago, Illinois 60606-6473**  
**Customer Number 26574**

  
**SIGNATURE**

\_\_\_\_\_  
**Steven H. Noll**  
**NAME**

\_\_\_\_\_  
**28,982**  
**Registration Number**

**CERTIFICATION OF MAILING**

"Express Mail" Mailing Label Number **EL843731517US**

Date of Deposit: January 12, 2005

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Commissioner for Patents, MAIL STOP PCT, P.O. Box 1450, Alexandria VA 22313-1450.

**Åström et al.**

Application entitled: **"APPARATUS FOR ANALYZING CARDIAC EVENTS"  
(AS AMENDED)"**

Our Case No. P04,0495 (27009-0190)

Signature of person mailing application and fee

A handwritten signature in dark ink, appearing to read "Craig G. Hunter", is written over a horizontal line.

CH1\ 4024003.1

MAIL STOP PCT  
IN THE UNITED STATES DESIGNATED OFFICE  
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY-CHAPTER II  
5 **SUBMISSION OF DRAWINGS FOR PUBLICATION**

APPLICANTS: Åström et al.  
ATTORNEY DOCKET NO. P04,0495  
INTERNATIONAL APPLICATION NO: PCT/SE2004/000529  
INTERNATIONAL FILING DATE: April 2, 2004

10 INVENTION: "APPARATUS FOR ANALYZING CARDIAC EVENTS" (AS  
AMENDED)

**MAIL STOP PCT**

15 Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

S I R:

Applicants herewith submit eight sheets (Figs. 1a through 9) of drawings  
in a form suitable for publication purposes. The drawings embody the drawing  
20 changes indicated on the Replacement Sheets that are attached to  
Amendment "A" Prior To Action, filed simultaneously herewith.

Submitted by,

 (Reg. 28,982)

Schiff, Hardin LLP

25 **CUSTOMER NO. 26574**

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Attorneys for Applicants.